

Amendments to the Claims

The following listing of claims replaces all prior versions of the claims:

Listing of Claims:

1. (Currently Amended) A method comprising:

passing data having a first data type by a sending application resident on a first computer system to a first transport handler program resident on said first computer system;

adding to said data, by said first transport handler program, a token, a first category type identifier corresponding to said first data type, and a first data type identifier corresponding to said first data type, to form an information packet including said token, said first category type identifier, said first data type identifier, and said data;

using, by said first transport handler program, a transport mechanism to transmit said information packet to a second computer system;

using, by a second transport handler program resident on said second computer system, said token to locate said first data type identifier and said first category type identifier in said information packet;

indexing, by said second transport handler program [[a]], a relevant one of a plurality of category types of an application registry with said first data type identifier to determine a destination application that is associated with said first data type identifier; and

supplying said packet to said destination application.
2. (Previously Presented) The method of claim 1 wherein said first computer system and said second computer system are portable computer systems.
3. (Previously Presented) The method of claim 1 wherein said first computer system and said second computer system are hand-held portable computer systems.

4. (Previously Presented) The method of claim 1 wherein said transport mechanism is compliant with a Short Messaging Service (SMS) standard.
5. (Previously Presented) The method of claim 1 wherein said transport mechanism includes use of a GSM wireless communication device.
6. (Previously Presented) The method of claim 1 wherein said plurality of category types comprise: an Extension category, a MIME type category and an Application Creator category.
7. (Previously Presented) The method of claim 6 wherein said first category type identifier is a numeric value.
8. (Previously Presented) The method of claim 1, wherein said transport mechanism is a wireless transport mechanism.
9. (Previously Presented) The method of claim 8 wherein said first portable computer system and said second portable computer system are hand-held portable computer systems.
10. (Previously Presented) The method of claim 8 wherein said wireless transport mechanism is compliant with the Short Messaging Service (SMS) standard.
11. (Previously Presented) The method of claim 10 wherein said wireless transport mechanism includes use of a GSM wireless communication device.

12. (Previously Presented) The method of claim 8 wherein each of a plurality of category type identifiers is a unique numeric value.

13-22. (Canceled)

23. (Previously Presented) A machine-readable medium comprising instructions for a processor, such that when the instructions are loaded into a memory and executed by the processor, the processor performs a method, the machine-readable medium comprising:

instructions for a sending application, the instructions for the sending application comprising instructions for passing data having a first data type to a first transport handler program resident on a same processing device as the sending application;

instructions for the first transport handler program, the instructions for the first transport handler program comprising:

instructions for adding to the data passed by the sending application a token, a first category type identifier corresponding to the first data type, and a first data type identifier corresponding to the first data type, to thereby form an information packet including the data, the token, the first category type identifier, and the first data type identifier, and,

instructions for using a transport mechanism to transmit the information packet to a second processing device;

instructions for a second transport handler program, the instructions for the second transport handler program comprising:

instructions for locating a second data type identifier and a second category type identifier in a received information packet from a third processing device based on first locating a second token in the received information packet, and

instructions for indexing a relevant one of a plurality of category types of a registry with the second data type identifier to determine a destination application associated with the second data type identifier; and
instructions for supplying data included in the received information packet to the destination application.

24. (Currently Amended) A communication system comprising:

a first processing system comprising a first processor, a first memory, and a first bus connecting the first processor and the first memory; and

a second processing system comprising a second processor, a second memory, and a second bus connecting the second processor and the second memory, wherein:

the first memory comprises a sending application and a first transport handler program,

the second memory comprises an application registry and a second transport handler program,

the sending application passes data having a first data type to the first transport handler program,

the first transport handler program ~~is configured to receive~~ receives the data from the sending application and adds, thereto, a token, a first category type identifier corresponding to the first data type, and a first data type identifier corresponding to the first data type, thereby forming an information packet, the first transport handler program further sends the information packet to the second processing system,

the application registry comprises a mapping of each of a plurality of data type identifiers to one of a plurality of applications of the second processing system registered for each of a plurality of data types, the plurality of data types being organized by a plurality of category types, and

the second transport handler program ~~is configured to use~~ uses the token to locate the first data type identifier and the first category type identifier in the information packet sent by the first transport handler program of the first processing system and to index a relevant one of a plurality of category types of the application registry with the first data type identifier to determine a destination application of the plurality of applications associated with the first data type identifier.

25. (Previously Presented) The communication system of claim 24, wherein the first processing system and the second processing system are portable processing systems.

26. (Previously Presented) The communication system of claim 24, wherein the first processing system and a second processing system are hand-held portable computer systems.

27. (Currently Amended) The communication system of claim 24, wherein the first processing system and the second processing system ~~[[to]]~~ communicate via a transport mechanism that is compliant with a Short Messaging Service (SMS) standard.

28. (Currently Amended) The communication system of claim 24, wherein the first processing system and the second processing system ~~are~~ each communicate via a respective GSM wireless communication device.

29. (Previously Presented) The communication system of claim 24, wherein the plurality of category types comprise: and Extension category, a MIME type category and an Application Creator category.